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DSC-H55/B

The DSC-H55's 10x wide (25mm equivalent) lens takes better shots from greater distances and wider landscapes in a compact body. Take breathtaking panoramic shots in one sweeping motion with Sweep Panorama mode and review them on a 3.0" LCD screen. 1 Take clearer images with Optical SteadyShot™ image.

- 3.0" Clear Photo LCD™ display (230k pixels)[1]
  Compose and show off your images on the large 3.0" (230K) Clear Photo LCD ™ display, which features a special anti-reflective coating for sharp visibility, even in bright sunlight.[1]
- 10x (25mm) Professional-quality optical zoom G-Lens
  G lenses are used in top of the line digital single lens reflex (DSLR) cameras and advanced pro-sumer HD Camcorders.
  Capture the action up close with the 10x optical zoom, and with the 25mm equivalent wide angle lens the H55 even allows you to capture more of the scenes in landscape or group portraits
- 14.1 Megapixel Super HAD™ CCD Image Sensor
  A powerful 14.1 megapixel 1/2.3" Super HAD™ CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail. With 14.1 megapixels, you can create stunning, photo-quality prints up to A3+ (13x19") size, or crop your images and still come away with high resolution shots.
- Sweep Panorama mode
  IReach beyond the traditional wide angle lens, and capture more breathtaking shots with Sweep Panorama Mode. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and ultra-wide options, the camera can take panoramic shots of up to 244 degrees. Now capturing wide landscapes is as easy as press and sweep.
- 720p MP4 HD Movie Mode[9]
  MP4 is ideal for enjoying and sharing HD movies on your PC, Mac® or the Internet. You can record video up to 1280x720 at 30fps. A MP4 HD file is a compressed single file format, perfect for uploading to computers and Web sharing sites like YouTube™ .
- BIONZ™ Image Processor
  The BIONZ™ image processor delivers the high resolution and fast performance you expect from a Sony ® digital camera. Fast processing enables unique Sony features such as Sweep Panorama, Handheld Twilight, Antimotion Blur, HDR, etc to take and combine multiple images in less than a second to create wide panoramic images. Images have reduced grain and appear less washed out.

ADDITIONAL FEATURES

- Self-Portrait Timer
- Intelligent Auto (iAuto) mode
- Intelligent Scene Recognition (iSCN) Mode
- Optical SteadyShot™ image stabilization
- Optical SteadyShot™ with Active Mode
- High Sensitivity Mode (ISO 3200)
- Face Detection technology
- Motion Detection
- Anti-blink Function
- Smile Shutter™ technology
- Dynamic Range Optimizer Standard and Plus
- Intelligent AF
- Scene modes
- Easy Shooting Mode
- Function Guide
- PHOTOMUSIC
- Viewing modes
- In-Camera Retouching Tools
- PhotoTV HD
- Lithium-ion battery
- Multi-purpose Resize function:
- Media card slot
- Includes Sony® PMB (Picture Motion Browser) Software ver. 5.02
- Includes Sony® PMB (Picture Motion Browser) Portable software[3]
- Colors Available

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Specifications

Convenience Features

Power Save Mode: Standard / Stamina /Off
Date/Time Stamp: Available in the included PMB software.
Media/Battery Indicator: Yes/Yes
Red-Eye Reduction: 2009-08-13
Erase/Protect: Yes/Yes

LCD Display

Histogram: Yes
LCD Type: 3.0"[1] Clear Photo LCD (230,400 pixels)

Flash

Flash Coverage: ISO Auto: Approx.0.25-Approx.4.1m (Approx.0.82'-Approx.13.5')(W) / Approx.1.0-Approx.2.6m(Approx.3.28'-Approx.8.53')(T), ISO3200: up to Approx.8.2m(Approx26.9)(W) / Approx.5.2m(Approx17.06')(T)
Flash Modes: Auto / On / Slow Syncro / Off

Viewfinder

Type: No

Optics/Lens

Aperture: iAuto(F3.5/F8.0(W)) / Program Auto(F3.5/F8.0(W)) / Manual(F3.5/F8.0(W)) (2 Steps with ND Filter)
Smart Zoom® Technology: 10M:Approx.11x(Total), 5M:Approx.16x(Total), VGA:Approx.67x(Total), 16:9(2M):Approx.22x(Total)
Digital Zoom: Smart Zoom / Precision Digital Zoom / Off
Optical Zoom: 10x
Macro Mode: iAuto(W:Approx.5cm(0.16') to Infinity, T:Approx.100cm(3.28') to Infinity)
Total Zoom: Approximately 20x with Precision Digital Zoom
Focal Length (35mm equivalent): 4.25-42.5mm
Lens Construction: 10 elements in 7 groups (including 4 aspheric elements)
Lens Type: Sony G-Lens

Power

Battery Type: InfoLITHIUM G type 3.6V
Battery Capacity: Approx. 155 minutes / Approx. 310 images (when shooting still images)
Power Consumption (in Operation): Approx. 1.1W

Software

Supplied Software: Picture Motion Browser Ver 5.0, PMB Portable 5.0 (for Windows), PMB Portable 1.1 (for Macintosh), Music Transfer
Operating System Compatibility: Microsoft® Windows XP SP3, Windows Vista SP2, Windows 7, Macintosh® OS X (v10.4-v10.6)

Advanced Features

Image Stabilization: Optical
In-Camera Editing: Trimming / Red Eye Correction / Unsharp Masking
NightFraming System: No
Face Detection: 8 Faces (Auto / Off / Child Priority / Adult Priority)
NightShot® Infrared System: No

Drive System

Burst Mode: Approx.1.84 fps at 14.1MP (maximum 4 shots)
Drive Mode: Normal / Burst
Self-timer: Yes (Off / 2 sec. / 10 sec.)
Shutter Speeds: iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600) / Manual(30"-1/1600)

Interface

PictBridge Compatible: Yes
TransferJet: No
HD Output: Component (1080i)
SD Output: Yes
USB Port(s): Yes - USB2.0 Hi-Speed

Imaging Sensor

Processor: BIONZ™
Imaging Sensor: 1/2.3" (7.76mm) Super HAD CCD Sensor

Exposure System

D-Range Optimizer: Plus / Standard / Off
ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200
Metering: Yes
Noise Reduction: Yes
Scene Mode(s): High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Advanced Sports / Gourmet / Pet
White Balance Mode: Auto / Daylight / Cloudy / Fluorescent 1(White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push.

Recording

Media Type: 45MB internal Flash Memory, optional Memory Stick Duo™ Media, optional Memory Stick PRO Duo™ Media, optional Memory Stick PRO Duo™ (High Speed), optional Memory Stick PRO HG-Duo™ , optional SD/SDHC/SDXC media[10]
Microphone/Speaker: Mono / Mono
Still Image Max Effective Resolution: Aprox. 14.1 Megapixels
Video Resolution: 1280 x 720 (29.97fps, Progressive) (Approx.9Mbps,6Mbps) / VGA (640 x 480) (29.97fps, Progressive) (Approx.3Mbps)

Focus Control

AF Illuminator: Auto / Off
AF Modes: 9 points AF / Center Weighted AF / Spot AF

Dimensions

Weight: Body: Approx. 6.0oz. (170g), With battery and Memory Stick media: 7.1oz. (200g)
Measurements: W x H x D: 4 1/8" x 2 3/8" x 13/16" (102.9mm x 57.7mm x 28.9mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

Rechargable Battery Pack (NP-BG1)
Battery Charger
Multi Connector Cable (A/V, USB)
Wrist strap
CD-ROM

Optional Accessories

Accessory Kit (ACC-CLGB)
GPS Unit Kit (GPS-CS3KA)
Memory Stick PRO Duo™ Media (MSX-512S)
Memory Stick PRO Duo™ Media (MSX-1GST)
Memory Stick PRO Duo™ Media (MS-MT2G)
Memory Stick PRO Duo™ Media (MS-MT4G)
Memory Stick PRO Duo™ Media (MS-MT8G)
Memory Stick PRO Duo™ Media (MS-MT16G)
Memory Stick PRO Duo™ Media (MS-MT32G)
Memory Stick PRO-HG Duo™ "HX" Media (MS-HX16G)
Memory Stick PRO-HG Duo™ "HX" Media (MS-HX8G)
Memory Stick PRO-HG Duo™ "HX" Media (MS-HX4G)
Memory Stick Duo™ USB Adaptor (MSAC-US40)
Memory Stick PRO-HG Duo™ "HX" Media (MS-HX32G)
2GB SD Card (SF-2N1)
4GB SDHC Card (SF-4N4QJ)
8GB SDHC Card (SF-8N4QJ)
16GB SDHC Card (SF-16N4)
32GB SDHC Card (SF-32N4QJ)

Color: Black
UPC Code: 027242778375

1.Viewable area, measured diagonally
2. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Picture Motion Browser software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
3.PMB Portable for Windows is pre-loaded. PMB Portable for Mac is available at www.eSupport.sony.com . PMB Portable requires USB cable (included) and PC with internet connectivity. 64-bit environments not supported.
4. Uploading directly to the web requires PMB Portable software and USB cable (included), and PC with internet connectivity (not included). PMB Portable for Mac is available at www.eSupport.sony.com . 64-bit environments not supported.
5. When fully charged. Actual results may vary based on product settings, usage patterns and environmental conditions.
6. Compatible BRAVIA® HDTV and component cable required for PhotoTV HD viewing. Specifications for BRAVIA HDTV shown vary according to market region.
7. Four preset music tracks stored in internal memory. Imported music tracks can be up to five minutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot® camera.
8. HD Movie mode records up to 1280x720p, at 30 fps, and 9Mbps.
9. HD viewing requires an HD output adapter cable (VMC-MHC1) and compatible HDTV, both sold separately.
11. When using movie mode Memory Stick PRO Duo™ with MARK2 (M2) logo, Memory Stick PRO-HG™ , or SD/SDHC/SDXC (Class 4 or higher) media are recommended.
12. Actual battery life may vary based on product settings, usage patterns and environmental conditions.

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